



Notice of Intent (NOI) & Stormwater Pollution Prevention Plan (SWPPP) Checklist for the General Permit for Discharges of Stormwater Associated with Construction Activities (CGP)

Date Received: 8/15/2016 Staff Review Completion Date: _____
New NPDES Tracking Number: T202121804 MS4 Jurisdiction: _____

Reviewer: _____
of Disturbed Acres: 14.11
Site/Project Name: State's Travel Shop-
Captives

Impaired Waters: Yes ☐ No ☒ *(Add comments below)*

Exceptional Waters: Yes ☐ No ☒

T & E Species: Yes ☐ No ☒

Fee Collected: Yes ☒ No ☐

This NOI/SWPPP checklist pertains to the current CGP, and is used during the NOI review process to help determine whether the submittal provides enough information to grant a Notice of Coverage under the permit. This checklist does not specifically address every condition of the permit or preclude the Division from asking for additional information.

		NOI Requirements		Yes	No	Start/End Dates listed
✓	Yes	No	Correct site-wide permittee (Owner/Developer) entity name included	✓		
✓			Proper signature for the owner/developer provided	✓		Disturbed acreage given
✓			Receiving waters listed	✓		Latitude/Longitude given and is
✓			ARAP Required? ARAP #(s):	✓		Correct County(ies) listed
✓			Appropriate portion of USGS topo map provided showing the boundaries of the construction site [2.6.2]		County(ies):	M=No.ing
Yes	No	N/A	SWPPP Requirements			CGP pg #
		✓	"Common Plan of Development"/Site Concept Plan has been provided [1.2.1]			1
			Plans and specs for structural control measures have been prepared and stamped by Professional Engineer or Landscape Architect [3.1.1]			13
			Includes engineering design of sediment basin/controls for projects 10 acres or greater (5 acres if impaired/exceptional waters) [3.1.1]			13, 14
✓			Includes Assurance Site Assessment requirement criteria if applicable [3.1.2]			14
✓			Signed by the operator(s) [3.3.1]			15
✓		✗	Includes multi-phase sheets: <5 ac. – 2-phase plan min.; ≥5 ac. – 3-phase plan min. [3.5.2]			18
✗		✗	Depicts disturbance limits, buffer zones, watershed drainage patterns/acreage, and proposed contours/slopes [3.5.1.d&g; 4.1.1]			17
✓			Includes a description of all construction activity (not just grading and street construction) [3.5.1.a]			17
✓			Includes a description sequence of major activities (e.g., grubbing, excavation, grading, utilities, and infrastructure installation, etc.) [3.5.1.b]			17
✓			Includes estimates of the total site area versus the total area of the site to be disturbed [3.5.1.c]			17
✓			Includes a complete inventory of aquatic resources (including any stream, sinkhole or wetland) on or adjacent to the project [3.5.1.i]			17
✓			Includes a description of appropriate erosion prevention and sediment controls (EPSCs) and the general timing of implementation [3.5.2]			18
✓			Specifies which permittee is responsible for implementation of which EPSC [3.5.2]			18
✓			Specifies removal of trapped sediment from sediment controls at or before 50% design capacity [3.5.3.1.e]			19
✓			Specifies EPSCs will be implemented before earth-moving begins [3.5.3.1.i]			20
✓			Specifies stabilization within 15 days (7 days for ≥35% slopes) on site area where construction has temporarily/permanently ceased [3.5.3.2]			21
✓			Specifies inspections of outfalls/EPSC measures at least twice weekly and at least 72 hours apart [3.5.8.2.a]			24
✓			Specifies that vegetation, EPSCs & other protective measures are repaired, replaced, or modified within 7 days [3.5.7; 3.5.8.2.a]			23, 24
✓			Depicts the proposed location of all major structural/nonstructural controls and all proposed stabilization practices [3.5.1.g; 3.5.3.3]			18
✓			Identifies all outfall locations intended for coverage under the CGP [3.5.1.g]			17
✓			Includes the name of the receiving water(s), and approximate size and location of affected wetland acreage at the site [3.5.1.i]			17
✓			Identifies construction phasing for activities that will disturb >50 acres [3.5.1.m & 3.5.3.1.k]			20
✓			EPSCs have been designed to control the rainfall and runoff from a 2-year, 24-hour return interval storm [3.5.3.3]			21
✓			Specifies sediment basins for construction sites with drainage areas >10 acres [3.5.3.3]			22
✓		✓	Specifies a 30' natural riparian buffer zone adjacent to all streams, lakes, wetlands on/adjacent to the construction site [4.1.2]			26



Chipola Engineering Group, Inc.

CIVIL ENGINEERING – DESIGN – PLANNING – ENVIRONMENTAL PERMITTING – CONSTRUCTION SERVICES

October 18, 2016

Tennessee Department of Environment & Conservation
1625 Hollywood Dr.
Jackson, TN 38305
Attn: Mr. Gregg Overstreet

Re: **Love's Travel Stops & Country Stores Development Plans**
CEG Project # 2015003.00

Dear Mr. Overstreet,

Please find enclosed, the revised SWPP and development plans for the Love's Travel Stop development located in Eastview, TN for your review and approval. Below responses to the email comments received from your office on October 6, 2016.

Comment: A Quality Assurance Site Assessment is required as described in Section 3.12. of the Construction General Permit (CGP)

Response: Please find that Appendix D has been revised to include a Quality Assurance Site Assessment as required.

Comment: A Final Stabilization Phase or 3rd phase EPSC plan sheet is required reflecting the conditions and EPSC measures necessary to manage stormwater runoff, erosion and sediment at final grading (Section 3.5.2 of the CGP)

Response: Please find that a Final Stabilization phase has been added to the enclosed development plans.

Comment: A 30' non-disturb is required to be implemented along the stream identified flowing through the site. This buffer should be identified and shown on all EPSC plan sheets (Section 4.1.2 of CGP).

Response: The grading plan has been modified to the maximum extent feasible in order to provide the 30' non-disturbed buffer where possible. A diversion swale and sediment trap has been designed to capture sediment from the slope area where the 30' buffer could not be provided.

Comment: The sediment basins must be designed with a minimum 4:1 length to width ratio as well as have a forebay constructed at the primary inlet of each basin. Please see the attached TN Erosion Control Handbook for specific design requirements of sediment basins.

Response: Per our email correspondence, since the maximum drainage areas to the proposed sediment retention areas is less than 5 acres each, the 3 areas have been designed as sediment traps, which do not have the length to width ratio requirement.

Should you have any questions or concerns, please do not hesitate to call my office to discuss.

Sincerely,

Herrold D. Willis, P.E.
Chipola Engineering Group, Inc.
Phone (850) 372-4045
Cell (850) 556-6537

P:\M2015003.00 (Eastview)\Documents\TDEC RAI-1.docx



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
ENVIRONMENTAL FIELD OFFICE**

**1625 Hollywood Drive
Jackson, TN 38305**

(731)512-1300 STATEWIDE 1-888-891-8332 (731)661-6283

Receipt: EAC-J-6106

Date of Receipt: 15-Aug-2016 9:26 am

Created By: Beverly Darnell (BG51007)

County: McNairy

EFO/Office: Jackson Field Office

Received From: Chipola Engineering Group LLC

Company/Affiliation: Chipola Engineering Group LLC

Recipient Address: 4420 Jackson Street
MARIANNA, FL- 32448

Amount Received: \$1,000.00

Method of Payment: CHECK

Check Number: 001755

Comments: TNR121864

Division	Description	TDEC Code	Quantity	Unit Price	Line Total
WPC	WPC-NOI \$1000 Permit Application	43.340.F02	1	\$1,000.00	\$1,000.00

Receipt Total: \$1,000.00



4420 Jackson Street
Marianna, FL 32448

LETTER OF TRANSMITTAL

1085

850-372-4045

To TPEC

Date 10/18/2016 Job No. Loves/ Eastview

Attention Mr. Gregg Overstreet

RE: Loves Travel Stop
NPDES Permit Resubmitted

We are sending you ☐ Attached ☐ Under Separate Cover Via _____ the following items:

- ☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of Letter ☐ Change Order ☐ _____

Copies	Date	No.	Description
1	10/18		Revised SWPP document
1	10/18		Revised ESC Plans
1	10/18		Response to Comments

These are transmitted as checked below:

- ☒ For Approval ☐ Approved as Submitted ☐ Resubmit _____ Copies for Approval
☐ For Your Use ☐ Approved as Noted ☐ Submit _____ Copies for Distribution
☐ As Requested ☐ Returned for Corrections ☐ Return _____ Corrected Prints
☐ For Review and Comment ☐ _____
☐ For Bids Due _____ Date _____ ☐ Prints Returned After Loan to Us

Remarks _____

Received

OCT 20 2016

Division of Water Resources
Jackson Field Office

Copy To _____

If enclosures are not as noted, kindly notify us at once.

Signature

Thank You



Storm Water Pollution Prevention Plan for:

Love's Travel Stop & Country Store
U.S. Highway 45 and State Highway 57
Eastview, McNairy County, Tennessee
Herrold Willis, P.E.
(850)372-4045
(850)933-1197 cell

Permittee:

Love's Travel Stops & Country Stores, Inc.
10601 N. Pennsylvania Avenue
Oklahoma City, Oklahoma 73120
(405)302-6774
J.T. Ross
Barbara.young@loves.com

Prepared By:

Highland Technical Services, Inc.
528 Mineral Trace
Hoover, Alabama 35244
(205) 985-4874
Judith A. Pike, P.E.
jpik@htsienv.com

SWPPP Preparation Date:

August 8, 2016
Revised October 12, 2016

Estimated Project Dates:

Project Start Date: 11/20/2016
Project Completion Date: 03/27/2017

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SECTION 1: OPERATOR CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I also certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Tennessee General NPDES Permit For Discharges Of Stormwater Associated With Construction Activities, Permit No. TNR100000 and this Storm Water Pollution Prevention Plan prepared thereunder.

J.T. Ross Vice President of Construction
Printed Name & Title (Operator and/or Responsible Authority)

10/17/16
Date


Signature (Operator and/or Responsible Authority)

SECTION 2: PURPOSE

The purpose of this Storm Water Pollution Prevention Plan (SWPPP) is to provide Love's Travel Stops & Country Stores with information and guidance to prevent and/or minimize the erosion and runoff of sediment, soils, and other pollutants from construction activities related to stormwater runoff. This SWPPP has been prepared for the proposed construction of the Love's Travel Stop & Country Store located at U.S. Highway 45 and State Highway 57 in Eastview, McNairy County, Tennessee (Figure 1 Appendix A).

The Plan is intended to meet the applicable requirements in accordance with the Tennessee Department of Environment & Conservation (TDEC) Storm water Pollution prevention Plan Guidance Manual for coverage under the General NPDES Permit For Discharges Associated with Construction Activities TNR100000. The plan includes the following required elements: site description, description of stormwater runoff controls, erosion prevention and sediment controls, stormwater management, description of other items needing control, approved local government sediment and erosion control requirements, maintenance, inspections, pollution prevention measures for non-stormwater discharges, and documentation of permit eligibility related to Total Maximum Daily Loads (TMDL).

The SWPPP includes Best Management Practices (BMPs) which have been developed by understanding the relationship between climate, topography, soils, vegetative cover and extent of land disturbing activities. The BMPs are designed based on prevention rather than treatment. The BMPs recognize the need to control sediment, soil and pollutant discharges with proven methods that utilize readily available techniques, expertise, material and equipment.

Forms required for implementation of the SWPPP are included in the Appendices of this Plan and may be duplicated as needed. A copy of the SWPPP with updated forms must be kept at the site at all times until the site is completely stabilized. All documents related to SWPPP and Large Construction Notice of Intent (NOI) must be kept for a period of at least three years from the date of final stabilization. In the event that changes in the design, construction, operation or maintenance will have a significant effect on the potential for the discharge of pollutants to the surface waters of the State, including the addition or change of stormwater discharge points or if the Plan proves to be ineffective in eliminating or significantly minimizing pollutants due to the construction activity, the SWPPP shall be amended. The SWPPP shall also be amended in the event that there is a change of contractor or subcontractor who is responsible for the implementation any aspect of the Plan. Amendments to the Plan shall be prepared, signed, dated and kept as attachments to the original SWPPP.

Final stabilization is defined by TDEC when all soil disturbing activities at the site have been completed, and one of the three following criteria is met: (a) a uniform perennial

vegetative cover with a uniform density of at least 70% of the natural vegetative cover for the area has been established on all unpaved areas and area not covered by permanent structures, and all slopes and channels have been permanently stabilized against erosion, or (b) equivalent permanent stabilization measures (such as the use of riprap; permanent geotextiles, hardened surface materials including concrete, asphalt, gabion baskets, or Reno mattresses) have been employed, or (c) for construction projects on land used for agricultural or silvicultural purposes, final stabilization may be accomplished by returning the disturbed land to its preconstruction agricultural or silvicultural use. Upon completion of all construction activities and site stabilization, a Notice of Termination (NOT) will need to be submitted to TDEC.

SECTION 3: CONTACT INFORMATION/RESPONSIBLE PARTIES

3.1 Operator(s)/Subcontractor(s)

Operator:

Love's Travel Stops & Country Stores, Inc.
J.T. Ross
10601 N. Pennsylvania Avenue
Oklahoma City, Oklahoma 73120
(405)302-6774

Subcontractor

Prime Contractor

Emergency 24-Hour Contact

Prime Contractor

Additional information contained with the NOI located in Appendix C.

3.2 Storm Water Team

Primary Operator:

Prime Contractor

Secondary Operator:

Love's Travel Stops & Country Stores, Inc.

J.T. Ross

10601 N. Pennsylvania Avenue

Oklahoma City, Oklahoma 73120

(405)302-6774

Barbara.young@loves.com

3rd Party Inspector:

3rd Party Inspector

3.3 Operator Responsibility

3.3.1 Primary Operator

The Primary Operator is charged with the day-to-day operational control of construction activities at a project. The Primary Operator shall ensure compliance with the SWPP and other permit conditions including the following requirements:

- Implement all required interim and permanent erosion and sediment controls including stabilization practices and structural controls.
- Implement controls for other potential pollutants such as litter, sanitary waste, discarded building materials, onsite chemicals, etc.
- Maintain all site controls so that they remain in good and effective operating condition.
- Maintain a signed SWPPP with updated forms and amendments at all times.
- Provide a qualified inspector to conduct inspections of the project as required to assure compliance with the SWPPP. Refer to Tennessee General NPDES for Discharges Associated with Construction Activities Permit for specific requirements.

- Ensure that all deficiencies identified in the inspection report are addressed immediately. Non-functioning controls shall be repaired, replaced or supplemented with functional controls within twenty-four (24) hours of discovery or as soon as field conditions allow.
- A copy of the NOI must be posted at all times throughout the duration of the project until the site has been stabilized and all temporary erosion controls have been removed.
- Ensure that all contractors, subcontractors, primary operators and secondary operators sign the appropriate certification statement in Appendix H.
- Discharge of hazardous substances or petroleum products into storm water is subject to reporting requirements. Refer to the General Permit for specific guidelines.
- Concerns or questions about the NPDES program can be directed to the TDEC.

3.3.2 Secondary Operator

The Secondary Operator is responsible for the construction plan and specifications. The Secondary Operator shall ensure that the plans are developed in accordance with the requirements of the General Permit and meet the eligibility of the permit and comply with the terms and conditions set forth including:

- Ensure the project specifications allow or provide that adequate BMPs are developed to meet the requirements described in the General Permit.
- Ensure that the SWPPP indicates the areas of the project where they have control over project specifications, including the ability to make modifications in specifications and plans.
- Ensure all other operators affected by modifications in project specifications and plans are notified in a timely manner so that those operators may modify their BMPs as necessary to remain compliant with the conditions of permit.
- If the party with day-to-day operational control has not been authorized or has abandoned the site, the person with control over project specifications is considered to be the responsible party until the authority is transferred to another party and the

SWPPP is updated.

3.3.3 3rd Party Inspector

The 3rd Party Inspector shall ensure that inspections are conducted in a timely manner. The inspector shall not be associated with the primary operator.

- Conduct onsite inspections at least twice per week and as often as is necessary to ensure that appropriate erosion and sediment controls have been properly constructed and maintained and to determine if additional or alternative control measures are required.
- Ensure that adequate BMPs are implemented to meet the requirements of the General Permit.
- Certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Tennessee Stormwater General Permit Associated with Construction Activity.
- Prepare inspections reports and deliver to Primary and Secondary Operators within 12 hours of an inspection.
- Document all deficiencies with BMPs with a timetable for installation, maintenance, repair or replacement.

SECTION 4: SITE EVALUATION, ASSESSMENT AND PLANNING

4.1 Project/Site Information

The site includes the construction of an approximately 4,970 square foot (ft²) facility with a convenience store and fast food restaurant areas, fueling islands, automobile and truck fueling canopies, associated paved parking areas, entrance drives and drive approaches, installation of underground storage tanks, onsite and offsite utilities, irrigation system and landscaping. The total site area is 32.95 acres and includes 13.92 disturbed acres which includes a 3.93 acre wastewater treatment system area. (Figure 2 Appendix B).

Currently, the site is predominantly undeveloped, with an asphalt road running northeast-southwest across the northern portion of the property and a drive from US Hwy 45 to the building. One (1) small metal building is located between the aforementioned road and the property boundary. Approximately 0.55 acres of the site is built-upon land, 5.15 acres is maintained open space, and 27.25 acres is undeveloped.

Construction activities include: installation of erosion controls, removal of the existing asphalt road/drives, grubbing, grading, excavation and slope installation, stockpiling and removal of site soils, removal of existing structures, construction of utilities and storm drain system, construction of two sediment basins, construction of underground fuel storage tanks, grading, forming and subgrade stabilization, paving operations, building, fueling island and canopy construction, construction of drive approaches, irrigation, landscaping and final stabilization (Figure 2 Appendix B).

There will be three phases for erosion control on site. The first phase will be implemented and includes initial demolition, grubbing, grading, and excavation, and construction of the temporary sediment basins and initial stormwater controls including bypasses of approximately 13.93 acres. The second phase will be implemented and includes the construction of the storm drain system; placement of underground fuel tanks; construction of building, canopy, and fueling islands. The third phase includes paving of parking lots, conversion of sediment traps to detention basin, permanent stabilization of all disturbed areas and removal of temporary erosion control devices. A borrow pit will be utilized during construction. It will be enclosed by a double row silt fence.

Project Name and Address

Project/Site Name: Love's Travel Stop & Country Store
Project Street/Location: U.S. Highway 45 and State Highway 57
City: Eastview
State: Tennessee
ZIP Code: 38367
County: McNairy

Project Latitude/Longitude

Latitude:
35.076711

Longitude:
-88.544077

Method for determining latitude/longitude:

☐ USGS topographic map (specify scale:

☐ EPA
Web site

☐ GPS

☒ Other (please specify): Google Earth Pro

Horizontal Reference Datum:

☐ NAD 27 ☒ NAD 83 or WGS 84 ☐ Unknown

Additional Project Information

Is the project/site located on Indian country lands, or located on a property of religious or cultural significance to an Indian tribe? ☐ Yes ☒ No

Existing Soil Type: Luverne fine sandy loam, 12 to 25 percent slopes (~40.1%), Smithdale fine sandy loam, 5 to 8 percent slopes (~30.0%), Smithdale loam, 12 to 25 percent slopes, severely eroded (~30.0%)

Runoff Coefficient: Average weighted coefficients: Pre - 0.33, Post - 0.51.

4.2 Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? ☐ Yes ☒ No

Are there any surface waters that are located within 50 feet of your construction disturbances?

☒ Yes ☐ No

Discharge Point	Drainage Area, acres			Latitude, Longitude	Receiving Water
	Phase I	Phase II	Phase III		
Outfall #1	15.12	15.12	15.12	35.07665, -88.54397	Brushy Branch
Outfall # 2	4.9	4.34	4.34	35.07598, -88.54334	Brushy Branch
Outfall #3	0.19	0.29	NA	35.07634, -88.54346	Brushy Branch
Notes:	<ol style="list-style-type: none"> 1. Basin outfalls are designed to safely pass 25 year/24 hour event. 2. Drainage area for Outfall #1 includes 13.93 acres of bypassed drainage. 3. Outfall #3 is temporary sediment trap and will be removed as soon as paving operations for the site are commenced. 				

According to the most current findings of the EPA, the status of Brushy Branch, a river within the Upper Hatchie watershed, is "Not Assessed". In addition, no total maximum daily load (TMDL) has been determined for the stream.

4.3 Schedule of Major Soil Disturbances

Days	Activity	Responsible Party
0-10	Site set-up, implement Phase I erosion controls including: stabilized construction entrance, install perimeter sediment and erosion controls. Mark borrow pit and sanitary package plant areas and install erosion controls	Primary Operator
1-120	Plant temporary vegetation on disturbed areas whenever clearing, grading excavating or other land disturbing activities have temporarily or ceased on any portion of the site and will not resume for a period of 14 days or more. The appropriate temporary or permanent measures must be implemented within 7 calendar days.	Primary Operator
7-10	Remove existing asphalt road/driveways.	Primary Operator
5-14	Rough grade sediment traps, construct outfall and rock outlet protection, install temporary erosion control matting in sediment traps and along 3:1 slopes or steeper, install temporary mulch on slopes flatter than 3:1. Install ditch wattles.	Primary Operator
14-16	Construct bypass drainage system. Construct bypass as soon as feasible based on the construction plans. Install rock check dams and rip-rap ditch.	Primary Operator
16-30	Construct diversions, berms and drainage ways, rough grade site, install storm drains with inlet/outlet protection	Primary Operator
7-30	Stabilize areas with 4" topsoil, permanent seeding and mulch on all permanent berms and slopes. Straw mulch be must be tackified or otherwise restrained.	Primary Operator
30-36	Transition to Phase II Erosion Control Plan. Maintain construction entrance, perimeter sediment and erosion controls. Maintain sediment traps, ditch wattles and outfalls. Maintain Phase I and install Phase II temporary diversion berm. Install contour wattles and concrete washout area.	Primary Operator

Days	Activity	Responsible Party
31-50	Install remainder of storm sewer, utilities and infrastructure including USTs	Primary Operator
50-110	Construct buildings	Primary Operator
65-100	Install curb and gutters and commence paving in auto and truck areas. Transition to Phase III Erosion Control Plan.	
70-120	Maintain drop inlet protection until paving completed at each storm inlet. Once grading operations are complete, permanently stabilize all disturbed areas with 4" of topsoil and vegetate.	Primary Operator
120-131	After site is stabilized, clean out sediments, remove temporary controls, vegetate these areas and convert sediment traps 1 and 2 to permanent detention ponds.	Primary Operator

SECTION 5: SITE CONTROLS, BMPS AND MEASURES

Prior to construction

Install silt fence (trenched 4" wide and 6" deep and backfilled on the uphill side) as shown on the construction plans prepared by Chipola Engineering Group, Inc. sheet C12 (Appendix J).

Install one (1) rock construction entrance with minimum 6" depth of 2"-4" sized clean stone and lined with filter fabric to minimize the effects of truck traffic and sedimentation tracking both on and off the site. Entrance shall be installed as shown on the construction plans prepared by Chipola Engineering Group, Inc. sheet C14 (Appendix J).

To be completed by Primary Operator.

Temporary Structural Controls

Three (3) temporary sediment traps, outfall and rock outlet protection shall be constructed as shown on Sheets C-12, C-13, C-13.1 and C-14. Upon completion of the traps, install diversions, temporary mulch, and temporary erosion control matting, and stabilize all permanent berms and slopes with 4" topsoil, permanent seed and mulch. Install coir erosion blankets in sediment basin.

During Phase II ditch and contour wattles shall be installed as shown on Sheet C-13. Rip rap ditches shall be installed at all stormwater inlets.

To be completed by Primary Operator.

During Grading

Maintain construction entrances, perimeter sediment and erosion controls and sediment basin and outfall.

In the event that previously or newly graded areas are disturbed for more than 7 days, areas shall be stabilized with rye grass or other approved temporary vegetation applied at the manufacturer's recommendations. After seeding, each area shall be mulched with 2 tons of straw per acre. Any exposed slopes equal or greater than 3:1 an erosion blanket shall be used until final stabilization is achieved.

To be completed by Primary Operator.

Temporary and Permanent Stabilization Practices

Dust control will be used to prevent the movement of wind born soil particles during land disturbing activities. For areas not subject to traffic, vegetative cover, topsoiling or stone will be used as permanent methods. Mulching, temporary vegetative cover or sprinkling with water may be used as temporary controls.

Non-paved areas and disturbed areas shall be stabilized as soon as grading operations are complete with a minimum of 4" topsoil, permanent seed and mulch.

A Grading and Stabilization Log is located in Appendix G.

To be completed by Primary Operator.

Structural Controls

Until all construction activities are complete, all storm water inlets shall be protected using inlet protection devices. Silt fence shall be installed in accordance as shown on the SWPP & Erosion Control Plan. Sod may need to be stabilized using sod nails in high velocity storm water areas.

Rock outlet protection will be installed at all stormwater discharge points.

Temporary sediment traps, 1 and 2, will be converted to permanent detention ponds upon completion of the site's infrastructure and stabilization of the site.

To be completed by Primary Operator.

Permanent Stormwater Management Controls

All stormwater from the project site shall be directed to the detention ponds. Stormwater infrastructure will include asphalt and concrete paved areas that are graded to direct water to curb and drop inlets with discharge directed to the onsite retention ponds.

To be completed by Primary Operator

Controls for Potential Pollutants

Construction debris, litter and other non-hazardous wastes shall be placed in onsite containers. All containers should be covered to prevent dispersion. Wastes will be removed by a licensed transporter and disposed of in accordance with local, state and federal laws. Fertilizers, pesticides, herbicides and other chemicals will be Tennessee-friendly. Manufacturer's recommended application rates will be used to minimize impact. Petroleum products must be in approved and labelled containers. All chemicals will be stored in closed containers in good condition to prevent leaking. A designated storage area will be shown on the Erosion Control Plan.

Offsite vehicle tracking from construction entrances and exits shall be minimized using a rock construction entrance, daily street sweeping and the use of water to minimize dust transport. No vehicle washing or maintenance will be allowed onsite. A designated concrete washout area has been designated on the site and is shown on the Erosion Control Plan (Phase II) Sheet C-13.

Toxic substances and chemicals shall be listed in the Spill Prevention, Control and Countermeasures (SPCC) Plan. Substances shall be handled in accordance with manufacturer's recommendations and the SPCC Plan. Onsite portable sanitary facilities shall be used for sanitary wastes. The portable sanitary facilities will not be placed adjacent to storm drains or surface water impoundments or in areas prone to flooding or in areas with a potential for high velocity stormwater runoff.

A list of Potential Pollutants is located in Appendix I.

To be completed by Primary Operator.

Structural and Non-Structural Maintenance

Contractor shall provide routine maintenance of permanent and temporary sediment and erosion control features in accordance with the specifications or as follows, whichever is more stringent:

- Structural features and additional BMP shall be inspected at least twice weekly. Any required repairs shall be made immediately.
- Maintenance shall be performed on the rock entrance when any void spaces are full of sediment.
- Inlet(s)/outfalls shall be inspected immediately after each rain event and any required repairs to the geo-hay filter inlets, silt fence, or filter fabric shall be performed immediately.
- Bare areas of the site that were previously seeded shall be re-stabilized with rye grass or other temporary vegetation applied at the manufacturer's recommendations. After reseeding, each area shall be mulched with 4,000 pounds of straw per acre.
- Mulch and sod that has been washed out shall be replaced immediately.
- Ditches shall be checked for sedimentation deposits. Any deposits shall be removed immediately.
- Sediment should be removed from sediment basins, sediment traps, silt fences and other sediment controls as necessary, and must be removed when the design capacity is reduced by 50%.
- Maintain all other areas of the site with proper controls as necessary.

A Corrective Action Log is located in Appendix E.

To be completed by Primary Operator

Inspections

Qualified personnel will inspect all points of discharges, all disturbed areas of construction that have not been stabilized, constructed areas and locations where vehicles enter and exit the site, and all BMPs at least twice (2) weekly (a minimum of 72 hours apart) or as often as necessary to ensure appropriate erosion and sediment controls have been properly installed and maintained and determine if additional or alternate control measures are required. An example form is included in Appendix D. Copies of the completed inspections shall be included in the SWPPP located at the site.

To be completed by 3rd Party Inspector.

Site Assessment

A site assessment shall be conducted to verify the installation, functionality and performance of the erosion prevention and sediment control (EPSC) measures set forth in this plan for Outfall #1 by personnel having the following qualifications: a licensed professional engineer or landscape architect; a Certified Professional in Erosion and Sediment Control (CPESC) or a person that successfully completed the "Level II Design Principles for Erosion Prevention and Sediment Control for Construction Sites" course. The assessment shall include a review and update (as required) of the plan. Modifications of the SWPPP including construction plans shall be performed by the engineer(s) of record. The assessment shall be conducted within one (1) month of the commencement of construction for each phase affecting Outfall #1. The site assessment can take the place of one of the twice weekly inspections. An example form is included in Appendix D. Copies of the completed assessments shall be included in the SWPPP located at the site.

Non-Stormwater Discharges

It is anticipated that the following non-stormwater discharges may occur from the site during the construction period: water from water line flushing, pavement wash water (where no spills or leaks of toxic or hazardous materials have occurred). Turbid water from the stormwater pond shall not be pumped directly into any receiving water. Any pumped water from the stormwater pond shall be treated so as to not allow a discharge of polluted stormwater. Treatment can include silt fences, settling ponds, the proper use of flocculating agents or other appropriate means.

The following non-stormwater discharges are authorized under the General Permit:

- a) Dewatering of work areas of collected stormwater and ground water (filtering or chemical treatment may be necessary prior to discharge);
- b) Waters used to wash vehicles (of dust and soil, not process materials such as oils, asphalt or concrete) where detergents are not used and detention and/or filtering is provided before the water leaves site;

- c) Water used to control dust in accordance with Section 3.5.5 of the General Construction Permit TNR1000000;
- d) Potable water sources including waterline flushings from which chlorine has been removed to the maximum extent practicable;
- e) Routine external building washdown that does not use detergents or other chemicals;
- f) Uncontaminated groundwater or spring water; and
- g) Foundation or footing drains where flows are not contaminated with pollutants (process materials such as solvents, heavy metals, etc.).

The following non-stormwater discharges **are not** authorized under the General Permit:

- a. Post-Construction Discharges (Permanent Stormwater Management) - Stormwater discharges associated with construction activity that originate from the construction site after construction activities have been completed, the site has undergone final stabilization, and the coverage under this permit has been terminated.
- b. Discharges Mixed with Non-Stormwater- Discharges that are mixed with sources of non-stormwater, other than discharges with are identified in section 1.2.4 and in compliance with section 3.5.9 of the General NPDES Permit for Discharges of Stormwater Associated with Construction Activities (Permit No. TNR100000).
- c. Discharges Covered by Another Permit- Stormwater discharges associated with construction activity that have been issued an individual permit in accordance with subpart 7.12 of Permit No. TNR100000.
- d. Discharges Threatening Water Quality- Stormwater discharges from construction sites, that the director determines will cause, have the reasonable potential to cause, or contribute to violations of water quality standards. Where such determination has been made, the discharger will be notified by the director in writing that an individual permit application is necessary as described in subpart 7.12 of Permit No. TNR100000. However, the division may authorize coverage under this permit after appropriate controls and implementation procedures have been included in the SWPPP that are designed to bring the discharge into compliance with water quality standards.
- e. Discharges to Impaired Streams- This permit does not authorize discharges that would add loadings of a pollutant that is identified as causing or contributing to the impairment of a water body on the list of impaired waters. Impaired waters means any segment of surface waters that has been identified by the division as failing to support its designated classified uses. Compliance with the additional requirements set for in sub-part 5.4 of Permit No. TNR100000 is not considered as contributing to loadings to impaired waters or degradation unless the division determines upon review of the SWPPP that there is a reason to limit coverage as set for in paragraph d) above and the SWPPP cannot be modified to bring the site into compliance.
- f. Discharges into Outstanding National Resource Waters- The director shall not grant coverage under this permit for discharges into waters that are designated by the Water Quality Control Board as Outstanding National Resource Waters


- (ONRWs). Designation of ONRWs are made according to TDEC Rules, Chapter 1200-4-3-.06.
- g. Discharges into Exceptional Quality Waters- The director shall not grant coverage under this permit for potential discharges of pollutants which would cause degradation to waters designated by TDEC as exceptional quality waters.
 - h. Discharge Not Protective of Federal or State listed Threatened and Endangered Species, Species Deemed in Need of Management or Special Concern Species- Stormwater discharges and stormwater discharge-related activities that are not protective of legally protected listed or proposed threatened or endangered aquatic fauna or flora (or species proposed for such protection) in the receiving stream(s); or discharges or activities that would result in a “take” of a state or federal listed endangered or threatened aquatic or wildlife species deemed in need of management or special concern species, or such species’ habitat.
 - i. Discharges from a New or Proposed Mining Operation- This permit does not cover discharges from a new or proposed mining operation.
 - j. Discharges Negatively Affecting a Property on the National Historic Register- Stormwater discharges that would negatively affect a property that is listed or is eligible for listing in the National Historic Register maintained by the Secretary of Interior.
 - k. Discharging into Receiving Waters With an Approved Total Maximum Daily Load Analysis Stormwater discharges that would negatively affect a property that is listed or is eligible for listing in the National Historic Register maintained by the Secretary of Interior.
 - l. Discharging into Receiving Waters With an Approved Total Maximum Daily Load Analysis- Discharges of pollutants of concern to waters for which there is an EPA-approved total maximum daily load (TMDL) for the same pollutant are not covered by this permit unless measures or controls that are consistent with the assumptions and requirements of such TMDL are incorporated into the SWPPP.

To be completed by Primary Operator.

SECTION 6: PREPARER'S CERTIFICATION

I certify under penalty of law that a Storm Water Pollution Prevention Plan (SWPPP) for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff has been prepared under my supervision for this site/activity, and associated regulated areas/activities. The SWPPP meets the requirements of this permit and if properly implemented and maintained by the operator, discharges of pollutants in stormwater runoff can reasonably be expected to be effectively minimized to the maximum extent practicable according to the requirements of this Permit. The SWPPP describes the erosion and sediment control measures that must be fully implemented and regularly maintained as needed at the permitted site in accordance with sound sediment and erosion control practices to ensure the protection of water quality.

I also certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: <u>Judith A. Pike</u>	Title: <u>Senior Project Engineer</u>
Company: <u>Highland Technical Services, Inc.</u>	
Address: <u>528 Mineral Trace</u>	Phone <u>(205)985-4874</u>
	Number: <u></u>
<u>Hoover, Alabama 35244</u>	Fax Number <u>(205)987-6080</u>
Signature: <u></u>	Date: <u>10/13/2016</u>

SWPPP APPENDICES

Appendix A – General Location Map

Appendix B – Site Maps

Appendix C – NOI and Copy of Permit

Appendix D – Site Assessment & Inspection Reports

Appendix E – Corrective Action Log

Appendix F – SWPPP Amendment Log

Appendix G– Grading and Stabilization Activities Log

Appendix H – Contractor & Subcontractor Certification

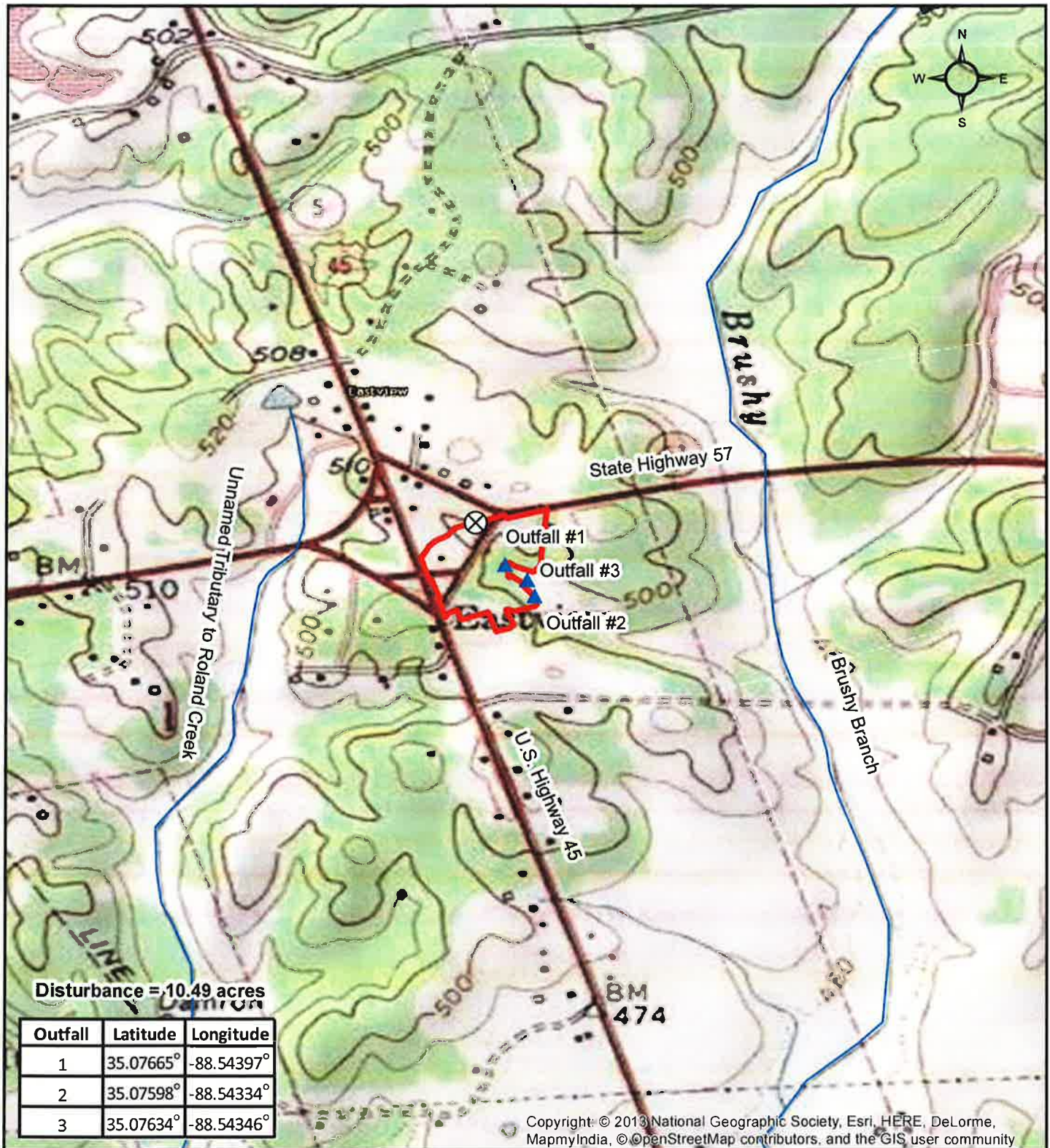
Appendix I – List of Potential Pollutants

Appendix J – Construction Plan & SWPP/Erosion Control Plan

Appendix K – TDEC Forms

Appendix L – Additional Information (ARAP, Wetlands Permit)

Appendix A – General Location Map



Legend

- Construction Limits
- X Construction Entrance/Exit
- ▲ Outfall
- Stream

USGS Topographic Map: 35088-A5
Guys, TN



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE: Construction Site Map
NOI and SWPPP

Love's Travel Stop
and Country Store

East View, TN

SCALE:
1 inch = 1,000 feet

FIGURE NO.

1

PROJECT NO.

16-030809.05

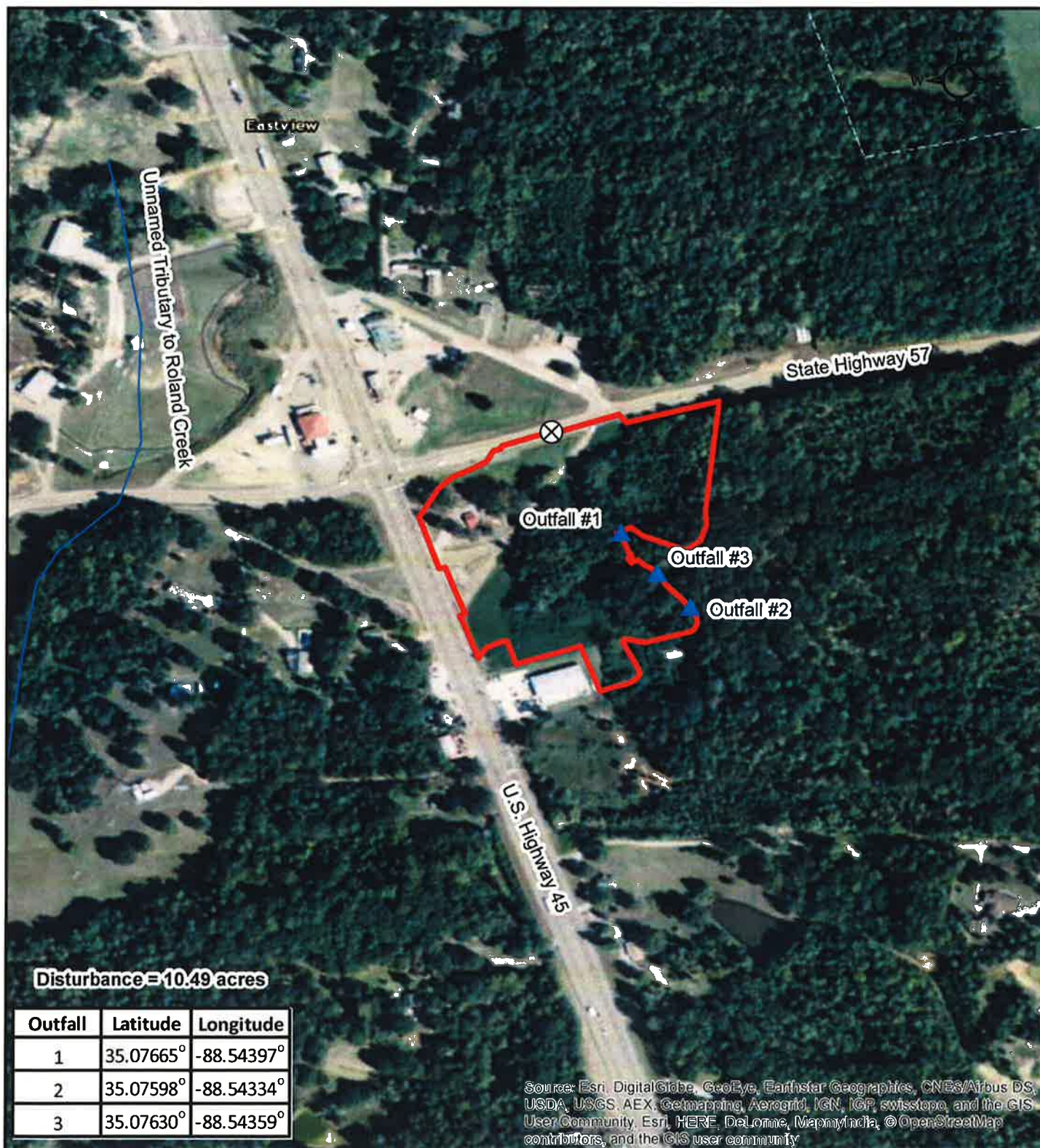
DRAWN BY

RFS

DATE DRAWN

10/13/2016

Appendix B – Site Maps



Legend

- Construction Limits
- X Construction Entrance/Exit
- ▲ Outfall
- Stream



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

TITLE: Site Layout
NOI and SWPPP
Love's Travel Stop
and Country Store
East View, TN

SCALE: 0 210 420
1 inch = 420 feet


FIGURE NO.
2
PROJECT NO.
16-030809.05
DRAWN BY
RFS
DATE DRAWN
10/13/2016

Appendix C – NOI and Copy of Permit

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION****Division of Water Pollution Control**

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243
1-888-891-8332 (TDEC)

Notice of Intent (NOI) for General NPDES Permit for Stormwater Discharges from Construction Activities (TNR100000)

Site or Project Name: Love's Travel Stop & Country Store		NPDES Tracking Number: TNR	
Street Address or Location: Intersection of U.S. Highway 45 and State Highway 57		Construction Start Date: 10/03/2016	
		Estimated End Date: 02/10/2017	
Site Description: Proposed Gasoline Service Station and Restaurant		Latitude (dd.dddd): 35.076711	
		Longitude (-dd.dddd): -88.544077	
County(ies): McNairy County	MS4 Jurisdiction (if applicable):	Acres Disturbed: 14.11	Total Acres: 32.95
Check the appropriate box(s) if there are streams and/or wetlands on or adjacent to the construction site: Streams <input checked="" type="checkbox"/> Wetlands <input type="checkbox"/>			
If wetlands are located on-site and may be impacted, attach wetlands delineation report.			
If an Aquatic Resource Alteration Permit (ARAP) has been obtained for this site, what is the permit number?			
Receiving waters: Brushy Branch			
Attach the SWPPP with the NOI: <input checked="" type="checkbox"/> SWPPP Attached		Attach a site location map: <input checked="" type="checkbox"/> Map Attached	
Site Owner/Developer Entity (Primary Permittee): (person, company, or legal entity that has operational or design control over construction plans and specifications): Love's Travel Stops & Country Stores, Inc.			
For corporate entities only, provide the Tennessee Secretary of State (SOS) Control Number:			
Site Owner or Developer Contact Name: (individual responsible for site) Terry Ross		Title or Position: (the party who signs the certification below): VP of Construction	
Mailing Address: 10601 N. Pennsylvania Avenue		City: Oklahoma City	State: OK Zip: 73126
Phone: (405) 332-1126	Fax: ()	E-mail: barbara.young@loves.com	
Optional Contact:		Title or Position:	
Mailing Address:		City:	State: Zip:
Phone: ()	Fax: ()	E-mail:	
Owner or Developer Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Primary Permittee)			
I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury..			
Owner or Developer Name: (print or type) Terry Ross		Signature: 	Date: 8/13/16
Contractor(s) Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Secondary Permittee)			
I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.			
Contractor name, address, and SOS control number (if applicable):		Signature:	Date:
TBD			
Contractor name, address, and SOS control number (if applicable):		Signature:	Date:
OFFICIAL STATE USE ONLY			
Received Date:	Reviewer:	Field Office:	Permit Number: TNR
Fee(s):	T & E Aquatic Flora/Fauna:	SOS Corporate Status:	Waters with Unavailable Parameters:
			Exceptional TN Water:
			Notice of Coverage Date:

CONSTRUCTION GENERAL PERMIT - NOTICE OF INTENT (NOI) - INSTRUCTIONS

A completed NOI must be submitted to obtain coverage under the CGP. **Requesting coverage under this permit means that an applicant has obtained and examined a copy of this permit, and thereby acknowledges applicant's claim of ability to be in compliance with permit terms and conditions.** CGP coverage is required for stormwater (SW) discharge(s) from construction activities including clearing, grading, filling and excavating (including borrow pits) of one or more acres of land. This form should be submitted at least 30 days prior to the commencement of land disturbing activities, or no later than 48 hours prior to when a new operator assumes operational control over site specifications or commences work at the site.

The application fee must accompany the NOI and is based on total acreage to be disturbed by an entire project, including any associated construction support activities (e.g., equipment staging yards, material storage areas, excavated material disposal areas, borrow or waste sites, etc.). A separate annual maintenance fee is also required for activities that exceed 1 year under CGP coverage. See TN Rules, Chapter 0400-40-11-.02(b)(12).

Acres Disturbed	= or > 150 acres	= or > 50 < 150 acres	= or > 20 < 50 acres	= or > 5 < 20 acres	= or > 1 < 5 acres	Subsequent coverage
Fee	\$10,000	\$6,000	\$3,000	\$1,000	\$250	\$100

Who must submit the NOI form? All site operators must submit an NOI form. "Operator" for the purpose of this permit and in the context of SW associated with construction activity means any person associated with a construction project who meets either or both of the following two criteria: (1) The person has operational or design control over construction plans and specifications, including the ability to make modifications to those plans and specifications. This person is typically the owner or developer of the project or a portion of the project (e.g., subsequent builder), or the person that is the current land owner of the construction site, and is considered the primary permittee; or (2) The person has day-to-day operational control of those activities at a project which are necessary to ensure compliance with a SWPPP for the site or other permit conditions. This person is typically a contractor or a commercial builder who is hired by the primary permittee, and is considered a secondary permittee.

Owners, developers and all contractors that meet the definition of the operator in subsection 2.2 of the permit shall apply for permit coverage on the same NOI, insofar as possible. After permit coverage has been granted to the primary permittee, any subsequent NOI submittals must include the site's previously assigned permit tracking number and the project name. The comprehensive site-specific SWPPP shall be prepared in accordance with the requirements of part 3 of the permit and must be submitted with the NOI unless the NOI being submitted is to only add a contractor (secondary permittee) to an existing coverage. Artificial entities (e.g., corporations or partnerships) must submit the Tennessee Secretary of State, Division of Business Services, control number. The division reserves the right to deny coverage to artificial entities that are not properly registered and in good standing with the Tennessee Secretary of State.

Notice of Coverage: The division will review the NOI for completeness and accuracy and prepare a notice of coverage (NOC). SW discharge from the construction site is authorized as of the effective date of the NOC.

Complete the form: Type or print clearly. Answer each item or enter "NA," for not applicable. If you need additional space, attach a separate piece of paper to the NOI form. **The NOI will be considered incomplete without a permit fee, a map, and the SWPPP.**

Describe and locate the project: Use the legal or official name of the construction site. If a construction site lacks street name or route number, give the most accurate information available to describe the location (reference to adjacent highways, roads and structures; e.g., intersection of state highways 70 and 100). Latitude and longitude (in decimal degrees) can be found at numerous other web sites. Attach a copy of a map, showing location of site, with boundaries at least one mile outside the site boundaries. Provide estimated starting date of clearing activities and completion date of the project, and an estimate of the number of acres of the site on which soil will be disturbed, including borrow areas, fill areas, stockpiles and the total acres. For linear projects, give location at each end of the construction area.

Name of the receiving waters: Trace the route of SW runoff from the site and determine the name of the water course(s) into which the stormwater runoff drains. Note that the receiving water course may or may not be located on the construction site. If the first water body receiving construction site runoff is unnamed ("unnamed tributary"), determine the name of the water body that the unnamed tributary enters.

An ARAP may be required: **If your work will disturb or cause alterations of a stream or wetland, you must obtain an appropriate Aquatic Resource Alteration Permit (ARAP).** If you have a question about the ARAP program, contact your local Field Office (EFO).

Submitting the form and obtaining more information: Note that this form must be signed by the company President, Vice-President, or a ranking elected official in the case of a municipality, for details see subpart 2.5. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit the completed NOI form (keep a copy for your records) to the appropriate EFO for the county(ies) where the construction activity is located, addressed to **Attention: Stormwater NOI Processing**.

EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett	38133-4119	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305-4316	Chattanooga	1301 Riverfront Parkway, Suite 206	37402
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

Appendix D – Site Assessment & Inspection Reports

General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)
Construction Stormwater Site Assessment

Site or Project Name:		NPDES Tracking Number: TNR	
Primary Permittee Name:		Date of Inspection:	
Current approximate disturbed acreage:		Has rainfall been checked/documented daily? <input type="checkbox"/> Yes <input type="checkbox"/> No	Name of Inspector:
Current weather conditions:		Inspector's Training Certification Number:	

Please check the box if the following items are on-site:

- ☐ Notice of Coverage (NOC)
 ☐ Stormwater Pollution Prevention Plan (SWPPP)
 ☐ Twice-weekly inspection documentation
☐ Site contact information
 ☐ Rain Gage ☐ Off-site Reference Rain Gage Location: _____

Best Management Practices (BMPs):

Are the Erosion Prevention and Sediment Controls (EPSCs) functioning correctly: If "No," describe below in Comment Section

1. Are all applicable EPSCs installed and maintained per the SWPPP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. Are EPSCs functioning correctly at all disturbed areas/material storage areas per section 4.1.5?	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Are EPSCs functioning correctly at outfall/discharge points such that there is no objectionable color contrast in the receiving stream, and no other water quality impacts per section 5.3.2?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Are EPSCs functioning correctly at ingress/egress points such that there is no evidence of track out?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. If applicable, have discharges from dewatering activities been managed by appropriate controls per section 4.1.4? If "No," describe below the measures to be implemented to address deficiencies.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. If construction activity at any location has temporarily/permanently ceased, was the area stabilized within 14 days per section 3.5.3.2? If "No," describe below each location and measures taken to stabilize the area(s)	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. Have pollution prevention measures been installed, implemented, and maintained to minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters per section 4.1.5? If "No," describe below the measures to be implemented to address deficiencies.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. If a concrete washout facility is located on site, is it clearly identified on the project and maintained? If "No," describe below the measures to be implemented to address deficiencies.	<input type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No
9. Have all previous deficiencies been addressed? If "No," describe remaining deficiencies in Comment section. <input type="checkbox"/> Check if deficiencies/corrective measures have been reported on a previous form.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Comment Section. If the answer is "No" for any of the above, please describe the problem and corrective actions to be taken. Otherwise, describe any pertinent observations:

Certification and Signature (must be signed by the certified inspector per Section 3.1.2 of the CGP)

I certify under penalty of law that this report and all attachments are, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Inspector Name and Title	Signature	Date

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)**

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243

1-888-891-8332 (TDEC)

General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)**Construction Stormwater Inspection Certification (Twice-Weekly Inspections)**

Site or Project Name:		NPDES Tracking Number: TNR
Primary Permittee Name:		Date of Inspection:
Current approximate disturbed acreage:	Has rainfall been checked/documented daily? <input type="checkbox"/> Yes <input type="checkbox"/> No	Name of Inspector:
Current weather conditions:		Inspector's Training Certification Number:

Please check the box if the following items are on-site:

- ☐ Notice of Coverage (NOC) ☐ Stormwater Pollution Prevention Plan (SWPPP) ☐ Twice-weekly inspection documentation
☐ Site contact information ☐ Rain Gage ☐ Off-site Reference Rain Gage Location: _____

Best Management Practices (BMPs):**Are the Erosion Prevention and Sediment Controls (EPSCs) functioning correctly: If "No," describe below in Comment Section**

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1. Are all applicable EPSCs installed and maintained per the SWPPP? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. Are EPSCs functioning correctly at all disturbed areas/material storage areas per section 4.1.5? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. Are EPSCs functioning correctly at outfall/discharge points such that there is no objectionable color contrast in the receiving stream, and no other water quality impacts per section 5.3.2? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. Are EPSCs functioning correctly at ingress/egress points such that there is no evidence of track out? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. If applicable, have discharges from dewatering activities been managed by appropriate controls per section 4.1.4? If "No," describe below the measures to be implemented to address deficiencies. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. If construction activity at any location has temporarily/permanently ceased, was the area stabilized within 14 days per section 3.5.3.2? If "No," describe below each location and measures taken to stabilize the area(s) | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. Have pollution prevention measures been installed, implemented, and maintained to minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters per section 4.1.5? If "No," describe below the measures to be implemented to address deficiencies. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8. If a concrete washout facility is located on site, is it clearly identified on the project and maintained? If "No," describe below the measures to be implemented to address deficiencies. | <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9. Have all previous deficiencies been addressed? If "No," describe remaining deficiencies in Comment section. <input type="checkbox"/> Check if deficiencies/corrective measures have been reported on a previous form. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

Comment Section. If the answer is "No" for any of the above, please describe the problem and corrective actions to be taken. Otherwise, describe any pertinent observations:

Certification and Signature (must be signed by the certified inspector and the permittee per Sections 3.5.8.2 (g) and 7.7.2 of the CGP)

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Inspector Name and Title:	Signature:	Date:
Primary Permittee Name and Title:	Signature:	Date:

Construction Stormwater Inspection Certification Form (Twice-Weekly Inspections)

Purpose of this form/ Instructions

An inspection, as described in section 3.5.8.2. of the General Permit for Stormwater Discharges from Construction Activities ("Permit"), shall be performed at least twice every calendar week and documented on this form. Inspections shall be performed at least 72 hours apart. Where sites or portion(s) of construction sites have been temporarily stabilized, or runoff is unlikely due to winter conditions (e.g., site covered with snow or ice), such inspection only has to be conducted once per month until thawing results in runoff or construction activity resumes.

As described in section 3.5.8.1 of the Permit, inspectors performing the required twice weekly inspections must have an active certification by completing the "Fundamentals of Erosion Prevention and Sediment Control Level I" course (<http://www.tnepsc.org/>). Twice weekly inspections can also be performed by: a licensed professional engineer or landscape architect; a Certified Professional in Erosion and Sediment Control (CPESC) or a person who has successfully completed the "Level II Design Principles for Erosion Prevention and Sediment Control for Construction Sites" course. A copy of the certification or training record for inspector certification should be kept on site.

Qualified personnel, (provided by the permittee or cooperatively by multiple permittees) shall inspect disturbed areas of the construction site that have not been finally stabilized, areas used for storage of materials that are exposed to precipitation, structural control measures, locations where vehicles enter or exit the site, and each outfall.

Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the site's drainage system. Erosion prevention and sediment control measures shall be observed to ensure that they are operating correctly.

Outfall points (where discharges leave the site and/or enter waters of the state) shall be inspected to determine whether erosion prevention and sediment control measures are effective in preventing significant impacts to receiving waters. Where discharge locations are inaccessible, nearby downstream locations shall be inspected. Locations where vehicles enter or exit the site shall be inspected for evidence of offsite sediment tracking.

Based on the results of the inspection, any inadequate control measures or control measures in disrepair shall be replaced or modified, or repaired as necessary, before the next rain event if possible, but in no case more than 7 days after the need is identified.

Based on the results of the inspection, the site description identified in the SWPPP in accordance with section 3.5.1 of the Permit and pollution prevention measures identified in the SWPPP in accordance with section 3.5.2 of the Permit, shall be revised as appropriate, but in no case later than 7 days following the inspection. Such modifications shall provide for timely implementation of any changes to the SWPPP, but in no case later than 14 days following the inspection.

All inspections shall be documented on this Construction Stormwater Inspection Certification form. Alternative inspection forms may be used as long as the form contents and the inspection certification language are, at a minimum, equivalent to the division's form and the permittee has obtained a written approval from the division to use the alternative form. Inspection documentation will be maintained on site and made available to the division upon request. Inspection reports must be submitted to the division within 10 days of the request.

Trained certified inspectors shall complete inspection documentation to the best of their ability. Falsifying inspection records or other documentation or failure to complete inspection documentation shall result in a violation of this permit and any other applicable acts or rules.

Appendix E – Corrective Action Log

Appendix F – SWPPP Amendment Log

Project Name: Love's Travel Stop & Country Store Eastview, TN

[illegible]

Appendix G – Grading & Stabilization Activities Log

Appendix G –Grading and Stabilization Activities Log

Project Name: Love's Travel Stop & Country Store Eastview, TN

[illegible]

Appendix H – Contractor & Subcontractor Certification

Contractor and Subcontractor Certification

All contractor(s) and subcontractor(s) identified in the SWPPP must sign the following certification:

"I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Tennessee General NPDES Permit For Discharges of Stormwater Associated with Construction Activities Permit No. TNR 100000 and this Stormwater Pollution Prevention Plan prepared thereunder."

Name	Title	Company Name, Address & Phone Number	Date

Appendix I – List of Potential Pollutants

Construction Site Pollutants									
Check if applicable to site	Areas of Consideration	Primary Pollutant	Other Pollutants						
		Sediment	Nutrients	Heavy metals	pH (acids & bases)	Pesticides & herbicides	Oil & grease	Bacteria & viruses	Trash, debris, solids
X	Clearing, grading, excavating, and unstabilized areas	X							X
X	Soil Importing Operations	X							X
X	Paving operations	X					X		
X	Concrete washout and waste			X	X				X
X	Structure construction/painting/cleaning		X		X				X X
X	Demolition and debris disposal	X							X
	Dewatering operations	X	X						
	Drilling and blasting operations	X			X				X
X	Material delivery and storage	X	X	X	X	X	X		X X
X	Material use during building process		X	X	X	X	X		X X
X	Solid waste (trash and debris)								X X
	Hazardous waste			X	X	X	X		X
X	Contaminated spills		X	X	X	X	X		X
X	Sanitary/septic waste		X		X			X	X
X	Vehicle/equipment fueling and maintenance						X		X
X	Vehicle/equipment use and storage						X		X
X	Landscaping operations	X	X						X
X	Joint & curing compounds			X					X X
X	Concrete curing compounds				X				X X

Appendix J – Construction & SWPP/Erosion Control Plans